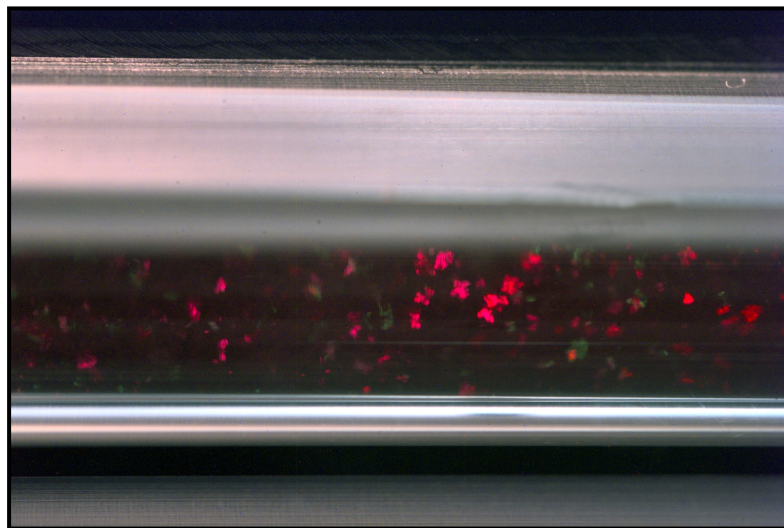




Glenn Research Center



COLLOIDAL DISORDER-ORDER TRANSITION-2 (CDOT-2) STS- 95



CDOT 2 Sample 18

This is a photo of a CDOT-2 sample taken during STS-95. The snowflake-like crystallites, or dendrites, clustered in the center have never been seen in this sample on Earth. Similar structures were seen for the first time in the CDOT experiment on STS-73. This experiment showed that dendritic growth occurs in samples with even more particles (i.e. higher volume fractions) than those that flew on STS-73.